

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN</b>		Attorney Docket No.	20780-0016
		First Named Inventor	Jeffrey W. RUBERTI et al.
<b>COMPLETE IF KNOWN</b>			
<b>PATENT APPLICATION</b>		Application Serial Number	10/566,263
<input type="checkbox"/> Declaration	<input checked="" type="checkbox"/> Declaration	Filing Date	January 30, 2006
Submitted with	Submitted after Initial	Group Art Unit	Unassigned
Initial Filing	Filing (surcharge)	Examiner Name	Unassigned
37 CFR 1.16(e) required)			

As a below named inventor, I hereby declare that:

My (our) residence, mailing address, and citizenship are as stated below next to my name. I (we) believe I (we) am (are) the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEMS AND METHODS FOR CONTROLLING AND FORMING POLYMER GELS**

the specification of which:

☐ is attached hereto;

OR

☒ was filed on January 30, 2006 as United States Application Serial Number or PCT International

Application Number 10/566,263 and was amended on (MM/DD/YYYY) (if applicable).

I (we) hereby state that I (we) have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above. I (we) acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or Patent Cooperation Treaty (PCT) or international filing date of the continuation-in-part application.

**For Assigned or Obligated to be Assigned Inventions:** By executing this Power of Attorney, I (am)(we are) allowing PROSKAUER ROSE LLP (the Firm) to prosecute the above-referenced patent application and to prosecute any matters that arise before the Patent Office during the enforceable life of the above-identified application, any patent that issues from this application and any future applications and/or patents, in any country, that claim priority to the above-identified application/patent. Although the Power states that I (am)(we are) appointing the Firm with "power of attorney" for the sole purpose of prosecuting the matters arising before the Patent Office in connection with the patent and patent application, that appointment is understood solely in light of my (our) nominal interest in the application/patent. I/we understand that, despite the use of the phrase "power of attorney," the executed power of attorney does not create any attorney-client relationship between me/us and the Firm, or between the Firm and any other person. The assignee in law or in fact will remain the Firm's sole client with respect to the application and/or patent. Accordingly, the firm understands, and my/our signature on the Power confirms, that the Firm has no attorney-client relationship with Assignor/inventor, or with me/us personally.

I (we) hereby claim foreign priority benefits under 35 U.S.C. 119(a)(d) or (f), 172 or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any Patent Cooperation Treaty (PCT) or international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or any PCT or international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed	Certified Copy Attached?
PCT/US2004/003135	WIPO	02/02/2004	<input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I (we) hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
60/406,899	08/02/2002	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

## Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. 20780-0016

App. No. 10/566,263

Page 2 of 3

**DECLARATION – Utility or Design Patent Application**

I (we) hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 35(c), of any **Patent Cooperation Treaty** or international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or **Patent Cooperation Treaty** or international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.36 which became available between the filing date of the prior application and the national or **Patent Cooperation Treaty** or international filing date of this application.

U.S. Patent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
10/631,491	07/31/2003	

☐ Additional U.S. or Patent Cooperation Treaty or international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I (we) hereby appoint(s) the practitioners associated with:

**Customer Number: 61263**

as attorney(s) and/or agent(s) to prosecute and transact all business in the U.S. Patent and Trademark Office in connection therewith. Customer Number 61263 is assigned to Proskauer Rose LLP, 1001 Pennsylvania Avenue, N.W., Suite 400 South, Washington, DC. 20004.

As a named inventor, I (we) hereby grant additional Power of Attorney to the attorney(s) and/or agent(s) named below to file and prosecute foreign national applications in any and all countries of the world, regional patent applications under the European Patent Convention and/or international applications under the Patent Cooperation Treaty based upon the patent application identified above, including power to meet all designated office requirements for designated states.

Name	Reg. No.	Name	Reg. No.
David W. Laub	Reg. No. 38,708	Steven M. Bauer	Reg. No.: 31,481
David Baltazar	Reg. No.: 53,964	Tiffany A. Levato	Reg. No.: 50,160
John P. Isacson	Reg. No.: 33,715	Robert S. Mayer	Reg. No.: 38,544
Paul Booth	Reg. No.: 40,244	Joseph M. Maraisa	Reg. No.: 55,926
Colin Sandercock	Reg. No.: 31,298	Silvana M. Merlino	Reg. No.: 44,237
Joseph A. Capraro, Jr.	Reg. No.: 36,471	David G. Miranda	Reg. No.: 42,898
Mark A. Catan	Reg. No.: 38,720	Kristen H. Neuman	Reg. No.: 35,530
Anthony C. Cotes	Reg. No.: 34,139	Jeremy P. Ocsek	Reg. No.: 50,794
Breda Donovan	Reg. No.: 52,828	Kenneth Rubenstein	Reg. No.: 30,586
Alan Federbusch	Reg. No.: 37,619	Erik Saarmaa	Reg. No.: 56,834
Todd A. Gerety	Reg. No.: 51,729	James H. Shalek	Reg. No.: 29,749
Nolan Goldberg	Reg. No.: 54,126	John C. Steliabotte	Reg. No.: 47,969
Louis Greco	Reg. No.: 41,799	Deborah M. Vernon	Reg. No.: 55,699
Charles Gutman	Reg. No.: 29,161	Baldassare Vinti	Reg. No.: 43,970
Tzvi Hirschaut	Reg. No.: 38,732	Carolyn E. Whyte	Reg. No.: 55,728
Sandra A. Brockman-Lee	Reg. No.: 44,045	Scott K. Witonsky	Reg. No.: 56,471

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:

**PROSKAUER ROSE LLP**  
1001 Pennsylvania Avenue, NW  
Suite 400 South  
Washington, DC 20004  
Tel. No.: (202) 416-6800  
Fax No.: (202) 416-6899

## Declaration and Power of Attorney for Utility or Design Patent Application

Atty. Docket No. 20780-0016

App. No. 10/566,263

Page 3 of 3

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])						Family Name or Surname					
Jeffrey W.						RUBERTI					
Inventor's Signature								Date		7/19/01	
Residence:	City	Lexington	State	MA	Country	U.S.A.	Citizenship	U.S.A.			
Mailing Address	47 School Street, Lexington, MA 02421										
Mailing Address (In 2)	City		State		ZIP		Country				
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])						Family Name or Surname					
Gavin J. C.						BRAFTHWAITE					
Inventor's Signature								Date			
Residence:	City	Cambridge	State	MA	Country	U.S.A.	Citizenship	United Kingdom			
Mailing Address	860 Massachusetts Avenue, Unit 850-10, Cambridge, MA 02139-3826										
Mailing Address (In 2)	City		State		ZIP		Country				
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.											

# DECLARATION AND POWER OF ATTORNEY FOR UTILITY

## OR DESIGN

### PATENT APPLICATION

☐ Declaration ☒ Declaration  
Submitted with Submitted after Initial  
Initial Filing Filing (surcharge  
37 CFR 1.16(c) required)

Attorney Docket No. 20780-0016  
First Named Inventor Jeffrey W. RUBERTI et al.

#### COMPLETE IF KNOWN

Application Serial Number 10/566,263  
Filing Date January 30, 2006  
Group Art Unit Unassigned  
Examiner Name Unassigned

#### As a below named inventor, I hereby declare that:

My (our) residence, mailing address, and citizenship are as stated below next to my name. I (we) believe I (we) am (are) the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### SYSTEMS AND METHODS FOR CONTROLLING AND FORMING POLYMER GELS

the specification of which:

☐ is attached hereto;  
OR

☒ was filed on January 30, 2006 as United States Application Serial Number or PCT International Application Number 10/566,263 and was amended on (MM/DD/YYYY) (if applicable).

I (we) hereby state that I (we) have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above. I (we) acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.55, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or Patent Cooperation Treaty (PCT) or international filing date of the continuation-in-part application.

**For Assigned or Obligated to be Assigned Inventions:** By executing this Power of Attorney, I (am)/(we are) allowing PROSKAUER ROSE LLP (the Firm) to prosecute the above-referenced patent application and to prosecute any matters that arise before the Patent Office during the enforceable life of the above-identified application, any patent that issues from this application and any future applications and/or patents, in any country, that claim priority to the above-identified application/patent. Although the Power states that I (am)/(we are) appointing the Firm with "power of attorney" for the sole purpose of prosecuting the matters arising before the Patent Office in connection with the patent and patent application, that appointment is understood solely in light of my (our) nominal interest in the application's patent. I (we) understand that, despite the use of the phrase "power of attorney," the executed power of attorney does not create any attorney-client relationship between me/us and the Firm, or between the Firm and any other person. The assignee in law or in fact will remain the Firm's sole client with respect to the application and/or patent. Accordingly, the firm understands, and my/our signature on the Power confirms, that the Firm has no attorney-client relationship with Assignor/inventor, or with me/us personally.

I (we) hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (3)(172) or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any Patent Cooperation Treaty (PCT) or international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT or international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed	Certified Copy Attached?
PCT/US2004/0031135	WIPO	02/02/2004	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	YES NO <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I (we) hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	
60/400,899	08/02/2002	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

### DECLARATION -- Utility or Design Patent Application

I (we) hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any Patent Cooperation Treaty or international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or Patent Cooperation Treaty or international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or Patent Cooperation Treaty or international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
10/631,491	07/31/2003	

☐ Additional U.S. or Patent Cooperation Treaty or international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I (we) hereby appoint(s) the practitioner(s) associated with:

**Customer Number: 61263**

as attorney(s) and/or agent(s) to prosecute and transact all business in the U.S. Patent and Trademark Office in connection therewith. Customer Number 61263 is assigned to Proskauer Rose LLP, 1001 Pennsylvania Avenue, N.W., Suite 400 South, Washington, DC. 20004.

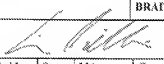
As a named inventor, I (we) hereby grant additional Power of Attorney to the attorney(s) and/or agent(s) named below to file and prosecute **foreign national applications** in any and all countries of the world, regional patent applications under the European Patent Convention and/or international applications under the Patent Cooperation Treaty based upon the patent application identified above, including power to meet all designated office requirements for designated states.

Name	Reg. No.	Name	Reg. No.
David W. Laub	Reg. No. 38,708	Steven M. Bauer	Reg. No.: 31,481
David Baltazar	Reg. No.: 53,964	Tiffany A. Levato	Reg. No.: 50,160
John P. Isaacson	Reg. No.: 33,715	Robert S. Mayer	Reg. No.: 38,544
Paul Booth	Reg. No.: 40,244	Joseph M. Marala	Reg. No.: 55,926
Colin Sandercock	Reg. No.: 31,298	Silvana M. Mertlino	Reg. No.: 44,237
Joseph A. Capraro, Jr.	Reg. No.: 36,471	David G. Miranda	Reg. No.: 42,898
Mark A. Catun	Reg. No.: 38,720	Kristen H. Neuman	Reg. No.: 35,530
Anthony C. Coles	Reg. No.: 34,139	Jeremy P. Oczek	Reg. No.: 50,794
Breda Donovan	Reg. No.: 52,828	Kenneth Rubenstein	Reg. No.: 30,586
Alan Federbush	Reg. No.: 37,619	Erik Saarmaa	Reg. No.: 56,834
Todd A. Gerety	Reg. No.: 51,729	James H. Shalek	Reg. No.: 29,749
Nolan Goldberg	Reg. No.: 54,126	John C. Stellabowitz	Reg. No.: 47,969
Louis Greco	Reg. No.: 41,799	Deborah M. Vernon	Reg. No.: 55,699
Charles Gutman	Reg. No.: 29,161	Baldassare Vinti	Reg. No.: 43,970
Tzvi Hirshaut	Reg. No.: 38,732	Carolyn E. Whyte	Reg. No.: 55,728
Sandra A. Brockman-Lee	Reg. No.: 44,045	Scott K. Wilonsky	Reg. No.: 56,471

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:  
**PROSKAUER ROSE LLP**  
 1001 Pennsylvania Avenue, NW  
 Suite 400 South  
 Washington, DC 20004  
 Tel. No.: (202) 416-6800  
 Fax No.: (202) 416-6899

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))				Family Name or Surname				
Jeffrey W.				RUBERTI				
Inventor's Signature					Date			
Residence	City	Lexington	State	MA	Country	U.S.A.	Citizenship	U.S.A.
Mailing Address		47 School Street, Lexington, MA 02421						
Mailing Address (in 2)	City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))				Family Name or Surname				
Gavin J. C.				BRAITHWAITE				
Inventor's Signature					Date		8/23/06	
Residence	City	Cambridge	State	MA	Country	U.S.A.	Citizenship	United Kingdom
Mailing Address		860 Massachusetts Avenue, Unit 850-10, Cambridge, MA 02139-3026						
Mailing Address (in 2)	City		State		ZIP		Country	
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) attached hereto.								